

Index to Volume 39

Index of Issues: January, pp. 1-127; February, pp. 129-247; March, pp. 249-368; April, pp. 369-487; May, pp. 489-604, and ASCRS Meeting Abstracts, A1-A52; June, pp. 605-721; July, pp. 723-839; August, pp. 841-955; September, pp. 957-1071; October, pp. 1073-1192, and October Supplement, pp. S1-S84; November, pp. 1193-1344; December, pp. 1345-1477

A

- Abdominal rectopexy, laparoscopic, for rectal prolapse, 279
- Abdominoperineal resection, for anorectal cancer, simultaneous restorative perineal graciloplasty in, 182
- Aberrant crypt foci, colorectal carcinogenesis, 763
- Abscess
 - anorectal, treatment, practice parameters, 1361, 1364
 - perianal, comparison of incision and drainage with simultaneous fistulotomy, 1415
- Absorption, colonic, basal and meal-stimulated (dog), 865
- Abstracts
 - podium and poster abstracts from ASCRS meeting, P-1 (May)
 - selected abstracts from other journals, 115, 239, 361, 477, 593, 715, 830, 947, 1062, 1184, 1336, 1445
- Acquired immunodeficiency syndrome (AIDS). *See* HIV/AIDS
- Actinomycosis, abdominal, 105
- Adenocarcinoma. *See also* Colon cancer; Colorectal cancer; Rectal cancer
 - in strictureplasty site in Crohn's disease, 1315
- Adenoma
 - colonic
 - malignant transformation, matrix metalloproteinases and tissue inhibitors of metalloproteinases in, 1255
 - sessile, correlation between morphologic features and malignant potential, 1275
 - villous, piroxicam-induced regression, 101
 - colorectal
 - flat, p53 mutation in, 143
 - p53 expression and histologic grades of dysplasia, 562
 - multiple, ileal pouch, in familial adenomatous polyposis, 584
- Adenomatosis coli, ileal J-pouch-anal anastomosis, pudendal and sacral motor nerve terminal motor latencies after, 410
- Adhesions, postoperative, effects of latex drain (rat), 311
- Aerosolization, tumor cells, during laparoscopic colectomy, port site tumor recurrence and (rat), S7
- Age/aging, colorectal cancer in young patients, familial clustering, 1004
- 5-Aminosalicylic acid
 - in Crohn's disease, postoperative recurrence, 335
 - enema, distribution and concentration in rectosigmoid biopsy specimens, 788
- Anal canal
 - pressure, highest mean resting pressure, anal sphincter function, 289
 - ultrasonography, before sphincterotomy in multiparous women with anal fissure (*letter*), 1060
- Anal cancer, squamous cell, human papillomavirus infection and, 37
- Anal fissure
 - chronic, open *vs.* closed sphincterotomy, 440
 - in perianal Crohn's disease, 529
- Anal fistula. *See* Fistula-in-ano
- Anal manometry. *See* Manometry
- Anal physiology
 - effect of octreotide on anal pressure and rectal compliance, 624
 - highest mean resting pressure in anal canal, anal sphincter function, 289
 - long-term effect of vaginal deliveries on anorectal function, 852
- Anal sphincter(s)
 - artificial, 1345
 - results, 1353
 - damaged, overlap repair, 1356
 - defects, fecal incontinence, endoanal ultrasound, 860
 - effect of nifedipine, 212
 - external, stretch damage of muscle, 1249
 - function, highest mean resting pressure in anal canal, 289
 - gracilis neosphincter, electrically stimulated, patient selection and success (*letter*), 712
 - in idiopathic megarectum, 435
 - magnetic resonance imaging, correlation with surgical findings, 926
 - reconstruction, restorative perineal graciloplasty, 182
 - repair
 - audit, 1164
 - factors associated with poor outcome, 1164
 - impact of unilateral pudendal neuropathy on fecal continence, 686
- Anal stenosis, internal pudendal flap anoplasty, 350
- Anal transition zone, selective preservation, in ileal pouch-anal anastomosis, 871
- Anastomosis
 - colon
 - healing, pulsed electromagnetic fields and (rat), 1031
 - sutureless laser anastomosis (rabbit), 556
 - colorectal, bowel function after, factors influencing, 744
 - intraluminal protective device (*letter*), 1332
 - resistance, effects of latex drain (rat), 311
 - stapled
 - colorectal anastomosis, 30
 - anastomotic leak after double-stapled low anterior resection, 780
 - "inadequate doughnut" technique for rigid rectums, 103
 - transanal, suture holder for, 700
- Anastomotic leak
 - in low anterior resection, early detection, 1081
 - stapled colorectal anastomosis, 30
 - double-stapled low anterior resection, 780
- Anatomy, vascular anatomy of colon, 88, 906
- Androgen(s), ornithine decarboxylase gene expression in colonic cancer cell lines, 406
- Anesthesia, hook-needle puncture, 1330
- Angiodysplasia, colon, massive lower gastrointestinal hemorrhage in young adult, 702
- Angiogenesis, tumor, in primary and metastatic colorectal cancers, 1073
- Anismus, 681
 - botulinum toxin type A therapy, 1107
 - physiologic patterns, biofeedback therapy and, 768
- Anoplasty
 - internal pudendal flap anoplasty, anal stenosis, 350

Index to Volume 39

Index of Issues: January, pp. 1-127; February, pp. 129-247; March, pp. 249-368; April, pp. 369-487; May, pp. 489-604, and ASCRS Meeting Abstracts, A1-A52; June, pp. 605-721; July, pp. 723-839; August, pp. 841-955; September, pp. 957-1071; October, pp. 1073-1192, and October Supplement, pp. S1-S84; November, pp. 1193-1344; December, pp. 1345-1477

A

- Abdominal rectopexy, laparoscopic, for rectal prolapse, 279
- Abdominoperineal resection, for anorectal cancer, simultaneous restorative perineal graciloplasty in, 182
- Aberrant crypt foci, colorectal carcinogenesis, 763
- Abscess
 - anorectal, treatment, practice parameters, 1361, 1364
 - perianal, comparison of incision and drainage with simultaneous fistulotomy, 1415
- Absorption, colonic, basal and meal-stimulated (dog), 865
- Abstracts
 - podium and poster abstracts from ASCRS meeting, P-1 (May)
 - selected abstracts from other journals, 115, 239, 361, 477, 593, 715, 830, 947, 1062, 1184, 1336, 1445
- Acquired immunodeficiency syndrome (AIDS). *See* HIV/AIDS
- Actinomycosis, abdominal, 105
- Adenocarcinoma. *See also* Colon cancer; Colorectal cancer; Rectal cancer
 - in strictureplasty site in Crohn's disease, 1315
- Adenoma
 - colonic
 - malignant transformation, matrix metalloproteinases and tissue inhibitors of metalloproteinases in, 1255
 - sessile, correlation between morphologic features and malignant potential, 1275
 - villous, piroxicam-induced regression, 101
 - colorectal
 - flat, p53 mutation in, 143
 - p53 expression and histologic grades of dysplasia, 562
 - multiple, ileal pouch, in familial adenomatous polyposis, 584
- Adenomatosis coli, ileal J-pouch-anal anastomosis, pudendal and sacral motor nerve terminal motor latencies after, 410
- Adhesions, postoperative, effects of latex drain (rat), 311
- Aerosolization, tumor cells, during laparoscopic colectomy, port site tumor recurrence and (rat), S7
- Age/aging, colorectal cancer in young patients, familial clustering, 1004
- 5-Aminosalicylic acid
 - in Crohn's disease, postoperative recurrence, 335
 - enema, distribution and concentration in rectosigmoid biopsy specimens, 788
- Anal canal
 - pressure, highest mean resting pressure, anal sphincter function, 289
 - ultrasonography, before sphincterotomy in multiparous women with anal fissure (*letter*), 1060
- Anal cancer, squamous cell, human papillomavirus infection and, 37
- Anal fissure
 - chronic, open *vs.* closed sphincterotomy, 440
 - in perianal Crohn's disease, 529
- Anal fistula. *See* Fistula-in-ano
- Anal manometry. *See* Manometry
- Anal physiology
 - effect of octreotide on anal pressure and rectal compliance, 624
 - highest mean resting pressure in anal canal, anal sphincter function, 289
 - long-term effect of vaginal deliveries on anorectal function, 852
- Anal sphincter(s)
 - artificial, 1345
 - results, 1353
 - damaged, overlap repair, 1356
 - defects, fecal incontinence, endoanal ultrasound, 860
 - effect of nifedipine, 212
 - external, stretch damage of muscle, 1249
 - function, highest mean resting pressure in anal canal, 289
 - gracilis neosphincter, electrically stimulated, patient selection and success (*letter*), 712
 - in idiopathic megarectum, 435
 - magnetic resonance imaging, correlation with surgical findings, 926
 - reconstruction, restorative perineal graciloplasty, 182
- repair
 - audit, 1164
 - factors associated with poor outcome, 1164
 - impact of unilateral pudendal neuropathy on fecal continence, 686
- Anal stenosis, internal pudendal flap anoplasty, 350
- Anal transition zone, selective preservation, in ileal pouch-anal anastomosis, 871
- Anastomosis
 - colon
 - healing, pulsed electromagnetic fields and (rat), 1031
 - sutureless laser anastomosis (rabbit), 556
 - colorectal, bowel function after, factors influencing, 744
 - intraluminal protective device (*letter*), 1332
 - resistance, effects of latex drain (rat), 311
 - stapled
 - colorectal anastomosis, 30
 - anastomotic leak after double-stapled low anterior resection, 780
 - "inadequate doughnut" technique for rigid rectums, 103
 - transanal, suture holder for, 700
- Anastomotic leak
 - in low anterior resection, early detection, 1081
 - stapled colorectal anastomosis, 30
 - double-stapled low anterior resection, 780
- Anatomy, vascular anatomy of colon, 88, 906
- Androgen(s), ornithine decarboxylase gene expression in colonic cancer cell lines, 406
- Anesthesia, hook-needle puncture, 1330
- Angiodysplasia, colon, massive lower gastrointestinal hemorrhage in young adult, 702
- Angiogenesis, tumor, in primary and metastatic colorectal cancers, 1073
- Anismus, 681
 - botulinum toxin type A therapy, 1107
 - physiologic patterns, biofeedback therapy and, 768
- Anoplasty
 - internal pudendal flap anoplasty, anal stenosis, 350

- island flap anoplasty, for transsphincteric anal fistula, 224
- Anorectal atresia, high, defecation control, 695
- Anorectal cancer
 - abdominoperineal resection, restorative perineal graciloplasty, 182
 - recurrent, sacropelvic resection with intraoperative electron irradiation, 1
- Anorectal fistula, complicated, rectal advancement flap for, 10
- Anorectal motility
 - effect of nifedipine, 212
 - in proctalgia fugax, 755
- Anorectum, eversion, during restorative proctocolectomy, functional outcome, 489
- Anticoagulant therapy, portal vein thrombosis in Crohn's disease, 823
- Anti-p53 antibody(ies), circulating, in colorectal cancer, 1269
- Anus
 - anesthesia, hook-needle puncture, 1330
 - large infected perianal lesions, fecal diversion for, 1327
 - pressure, effect of octreotide, 624
 - stretching, stretch damage of muscle of external anal sphincter, 1249
- Appendectomy, laparoscopic *vs.* open, 1008
- Appendix, mucinous cystadenoma, synchronous colonic cancer, 232
- Ascaris lumbricoides*, intestinal obstruction, 1159
- Ascorbic acid, status, colorectal neoplasia and, 1235
- Audit
 - endoanal ultrasound in fecal incontinence, 860
 - laparoscopic colorectal surgery, 155
 - sphincter repair, 1164
- Autofluorescence, 5-aminosalicylic acid, distribution and concentration in rectosigmoid biopsy specimens after rectal administration, 788

B

- Balloon dilation, rectal strictures, 423
- Barium enema, in tuberculous colitis, 1204
- Biliary dyskinesia, in idiopathic slow transit constipation, 1303
- Biofeedback therapy
 - anismus, 768
 - neurogenic fecal incontinence, 992
 - outlet obstruction constipation, 520
 - rectal prolapse, 262
 - stool frequency and incontinence after anterior resection or total colectomy, 1289
- Biopsy, three-dimensional endosonography-guided transrectal biopsy, recurrent rectal cancer, 1373
- Blood supply, colon, 88, 906
- Bone marrow transplantation, perianal infection following, 981
- Book reviews, 359, 1334, 1443
- Botulinum toxin type A, for anismus, 1107
- Bowel preparation, inpatient *vs.* outpatient, for elective colorectal surgery, 369
- Brain, metastatic disease, colorectal cancer, 541

C

- Canadian Association of General Surgeons, attitudes toward use of primary repair in colon trauma, 40
- Carcinoembryonic antigen

- colorectal cancer follow-up, effectiveness of early detection of intraluminal recurrences in terms of incidence of resection for cure and survival rates, 388
- elevated levels, xanthogranulomatous cystitis and, 1051
- postoperative monitoring, second-look operations for recurrent colorectal cancer, 74
- serum, colon *vs.* rectal cancer, 799
- Carcinoid tumor
 - presacral, 938
 - rectal, 643
 - two-channel colonoscopic resection, 1438
- CA 242 tumor marker, serum, colon *vs.* rectal cancer, 799
- Cecum, herniation through foramen of Winslow, 1055
- Cell movement, intraperitoneal, during laparoscopic surgery (pig), S62
- Cell proliferation, prognostic value in colorectal cancer, 494
- Chemoradiation, preoperative, advanced rectal cancer, staging *via* endorectal ultrasound after, 45
- Chemosensitivity test, MTT assay, in colorectal cancer, 416
- Chemotherapy, chemosensitivity testing with MTT assay in colorectal cancer, 416
- Chloride, colonic absorption (dog), 865
- Cimetidine, colorectal cancer and (*letter*), 111
- Cine-defecography, anismus, 768
- Clearing method, analysis of nodal metastases from rectal cancer, 1282
- Cloaca, traumatic, surgical treatment, 811
- Clostridium difficile* colitis, in critically ill, 619
- Colectomy
 - interleukin-6 and stress hormone response, laparoscopic *vs.* open sigmoidectomy, S29
 - laparoscopic-assisted
 - Dexterity™ pneumo sleeve, S59
 - diverticular disease, S1
 - hand-assisted approach (*letter*), 111
 - immune function after (rat), S67
 - (*letter*), 473
 - outcomes, S35, 15
 - port site tumor implants (pig), S47
 - port site tumor recurrence
 - intraperitoneal cell movement (pig), S62
 - tumor cell aerosolization and (rat), S7
 - right colonic arterial anatomy, 906
 - superior mesenteric and portal vein thrombosis following right hemicolectomy, 1171
 - tumor cell distribution (pig), S47
 - open, immune function after (rat), S67
 - prophylactic
 - in familial adenomatous polyposis, 1404
 - role among germline carriers in hereditary nonpolyposis colorectal cancer (Editorial), 109
 - segmental left *vs.* extended right colectomy, for obstructing left-sided colorectal cancer, 1000
 - for slow-transit constipation, 23
 - subtotal. *See also* Hemicolectomy
 - prophylactic, role among germline carriers in hereditary nonpolyposis colorectal cancer (Editorial), 109
 - total abdominal
 - bowel function following, factors influencing, 1418
 - for chronic idiopathic constipation, 160
- Colitis
 - acute, technetium-99m hexamethyl propylenamine oximine-labeled leukocyte scan in, 1146
 - Clostridium difficile*, in critically ill, 619
 - collagenous, 573

- indeterminate, relapse risk, 1019
- ischemic, 88
- pseudomembranous, in critically ill, 619
- tuberculous, barium enema examination, 1204
- Colitis cystica profunda, imaging diagnosis and conservative treatment, 587
- Collagenous colitis, 573
- Colon
 - absorption, basal and meal-stimulated (dog), 865
 - adenomatous polyps, piroxicam-induced regression, 101
 - anastomosis. *See* Anastomosis
 - angiodyplasia, massive lower GI hemorrhage in young adult, 702
 - flat neoplasia, p53 mutation in, 143
 - granular cell tumor (*letter*), 711
 - hemorrhage, postpolypectomy, 806
 - neoplasia, vitamin C status and, 1235
 - paraganglioma (*letter*), 943
 - permeability, colostomy and (rat), 663
 - right, arterial anatomy, 906
 - sessile adenomas, correlation between morphologic features and malignant potential, 1275
 - statin expression, adenocarcinoma, polyps, and normal mucosa, 546
 - sulfur granules, abdominal actinomycosis, 105
 - trauma, primary repair, Canadian attitudes, 40
 - tumors, malignant rhabdoid tumor, 1322
 - ulcers/ulceration, nonsteroidal anti-inflammatory drugs (NSAIDs), 705
 - vascular anatomy, 88, 906
 - villous adenoma, piroxicam-induced regression, 101
- Colon cancer. *See also* Colorectal cancer
 - adenoma-adenocarcinoma progression, matrix metalloproteinases and tissue inhibitors of metalloproteinases in, 1255
 - adenosquamous carcinoma, 1265
 - androgens and ornithine decarboxylase gene expression in colonic cancer cell lines, 406
 - laparoscopic-assisted right hemicolectomy, S24
 - laparoscopic colectomy
 - outcomes, S35
 - port site implants (pig), S47, S62
 - tumor cell distribution (pig), S47
 - wound recurrence, S20
 - mucinous cystadenoma of appendix in, 232
 - prognosis, synchronous *vs.* solitary primary, 329
 - serum tumor markers, 799
 - synchronous, prognosis, 329
- Colonic inertia, 681
- surgery for, 444
- Colonic pouch reservoir. *See* J-pouch
- Colonoscopy
 - in acute colitis, technetium-99m hexamethyl propyleneamine oximine-labeled leukocyte scan *vs.*, 1146
 - colorectal cancer follow-up, 252
 - effectiveness of early detection of intraluminal recurrences in terms of incidence of resection for cure and survival rates, 388
 - nonsedated, 257
 - perforations, 1308
 - polypectomy, colonic hemorrhage, 806
 - two-channel colonoscopic resection of rectal carcinoid tumors, 1438
- Color Doppler ultrasonography, portal vein thrombosis in Crohn's disease, 823
- Colorectal cancer
 - adenoma-adenocarcinoma sequence
 - matrix metalloproteinases and tissue inhibitors of metalloproteinases in, 1255
 - p53 expression and histologic grades of dysplasia, 562
 - adenosquamous carcinoma, 1265
 - anti-p53 antibodies in, 1269
 - asymptomatic, detection *via* screening studies, 1130
 - brain metastases, 541
 - chemosensitivity testing with MTT assay, 416
 - cimetidine and (*letter*), 111
 - early diagnosis, K-ras mutations in colorectal cells shed into feces, 1238
 - enterotoxigenic *Escherichia coli* heat-stable toxin (ST) receptors in, 171
 - esophageal cancer and (*letter*), 237
 - familial clustering, 1004
 - germline carriers in hereditary nonpolyposis colorectal cancer
 - prophylactic colectomy and ileorectal anastomosis in, 1404
 - prophylactic subtotal colectomy in (Editorial), 109
 - hepatic metastases
 - p53 overexpression, 1428
 - resection, prognostic factors affecting survival, 847
 - tumor angiogenesis, 1073
 - hereditary nonpolyposis
 - germline carriers
 - prophylactic colectomy and ileorectal anastomosis in, 1404
 - prophylactic subtotal colectomy in (Editorial), 109
 - registry, 649
 - hereditary susceptibility, 739
 - in Ibadan, Nigeria, 536
 - incisional recurrence, 200
 - laparoscopic-assisted minilaparotomy approaches, outcomes, 15
 - laparoscopic resection, 148, 155
 - outcomes, S53
 - port site tumor recurrence, tumor cell aerosolization and (rat), S7
 - local recurrence, intraoperative electron irradiation for previously unirradiated disease, 1379
 - lymph node metastases, p53 overexpression, 1428
 - metachronous neoplasms, 252
 - metastatic spread, radioimmunoguided surgery, 509
 - mortality in familial adenomatous polyposis, 384
 - natural killer cell activity, effect of curative surgery, 429
 - nonpolypoid early lesions, detection *via* screening studies, 1130
 - obstructing left-sided tumors, segmental left *vs.* extended right colectomy for, 1000
 - perforated, 1409
 - photodynamic therapy, new light source, 379
 - plasma fibrin and fibrinogen degradation products, correlation with tumor stage, metastasis, and postoperative thromboembolic complications, 1102
 - p53 overexpression, in primary tumors and metastases, 1428
 - precursor lesions, aberrant crypt foci, 763
 - prognostic value of ploidy, cell proliferation kinetics, and conventional clinicopathologic criteria, 494
 - recurrent
 - elevated carcinoembryonic antigen levels, xanthogranulomatous cystitis and, 1051
 - ¹¹¹In-CYT-103 imaging, 514

- second-look operation based on CEA and imaging techniques, 74
 - screening studies
 - endoscopic and surgical complications of work-up, 676
 - serum ferritin *vs.* fecal occult blood (*letter*), 1441
 - in spinal cord injury patient, 965
 - staging, intraoperative laparoscopic ultrasonography of liver, S73
 - statin expression in, 546
 - stent endoprosthesis for, 552
 - surgery, follow-up, 252
 - surveillance
 - effectiveness of early detection of intraluminal recurrences in terms of incidence of resection for cure and survival rates, 388
 - postoperative, 252
 - tumor angiogenesis, 1073
 - Colorectal surgery
 - for chronic constipation, 444
 - elective, bowel preparation, inpatient *vs.* outpatient, 369
 - laparoscopic
 - audit, 155
 - intraoperative complications, S14
 - minilaparotomy approaches, outcomes, 15
 - operative mortality, variations according to surgical specialty, 129
 - outcomes, in managed care setting, 1193
 - perioperative steroid use, 995
 - risk-adjusted analysis of outcome of colorectal surgery among surgeons, 654
 - segmental, bowel function after, 307
 - stapled anastomoses, 30
 - Colorectoanal intussusception, perineal repair, 1434
 - Colostomy
 - atraumatic delivery of bowel through abdominal wall, 461
 - closure, 605
 - colon permeability and (rat), 663
 - in colon trauma, Canadian attitudes, 40
 - laparoscopic, 285
 - in management of pressure (decubitus) ulcers, 737
 - protective, in colorectal stapled anastomoses, 30
 - reversible, outcomes, 1227
 - trephine stoma procedure, for sigmoid volvulus, 1222
 - Computed tomography (CT scan)
 - abdominal actinomycosis, 105
 - in tuberculous peritonitis, 394
 - Condyloma acuminatum, condylomata acuminata in infants and children, 1112
 - Constipation
 - chronic
 - in children, anorectal manometry in, 400
 - surgery for, 444
 - chronic idiopathic, total abdominal colectomy for, 160
 - defecography in, 899
 - effect of high pressure zone at rectosigmoid junction, 1122
 - outcome of rectocele repair, 374
 - pelvic outlet obstruction, biofeedback therapy, 520
 - scoring system, 681
 - slow transit
 - biliary dyskinesia in, 1303
 - colectomy for, 23
 - spinal cord injury, anterior sacral roots stimulator implants and, 690
 - Continence
 - perianal Crohn's disease, 529
 - postoperative
 - Ripstein rectopexy, 300
 - segmental colorectal resection, 307
 - Crohn's disease
 - complicated anorectal/rectovaginal fistula, rectal advancement flap for, 10
 - ileal pouch-anal anastomosis, long-term results, 893
 - ileum, ileocolic resection, 841
 - multiple short skipped strictures, double Heineke-Mikulicz-type strictureplasty for, 342
 - multiple strictures, side-to-side isoperistaltic strictureplasty for, 345
 - perianal, 136
 - local surgical treatment, 529
 - surgical management, 1039
 - portal vein thrombosis, combined anticoagulant therapy, 823
 - recurrence, 80
 - factors influencing, 918
 - prognostic factors, 335
 - reoperative rates, 1199
 - strictureplasty site, adenocarcinoma arising in, 1315
 - Current status
 - colitis, ischemic, 88
 - collagenous colitis, 573
 - colonoscopic perforations, 1308
 - constipation, surgery for, 444
 - inflammatory bowel disease, cytokines and platelet-activating factor role in, 217
 - Cystadenoma, mucinous, appendix, synchronous colonic cancer, 232
 - Cystitis, xanthogranulomatous, elevated carcinoembryonic antigen levels mimicking colorectal cancer, 1051
 - Cytokines
 - in inflammatory bowel disease, 217
 - interleukin-6 response after laparoscopic *vs.* open sigmoidectomy, 529
- D**
- Decubitus ulcers, management, colostomy in, 737
 - Defecation
 - effect of high pressure zone at rectosigmoid junction, 1122
 - in high anorectal atresia, 695
 - postoperative, segmental colorectal resection, 307
 - reversion to normal after combined excision and end colostomy for rectal cancer (*letter*), 112
 - Defecography
 - clinical significance of findings in patients with evacuatory disorders, 899
 - four-contrast (*letter*), 826
 - rectal emptying after rectocele repair, 1296
 - rectocele, 374
 - Delayed-type hypersensitivity, postoperative, laparoscopic *vs.* open colectomy (rat), S67
 - Desmoid tumors, mortality in familial adenomatous polyposis, 384
 - Diarrhea
 - following total abdominal colectomy, factors influencing, 1418
 - watery, collagenous colitis, 573
 - Diverticulitis
 - follow-up, symptoms following medical *vs.* operative management, 318
 - laparoscopic colectomy, S1

- Diverticulosis, lower gastrointestinal bleeding, in elderly, 191
- DNA, human papillomavirus, in anal squamous carcinoma, 37
- DNA polypoid
 - prognostic value in colorectal cancer, 494
 - rectal carcinoid, prognosis and, 643
- Double Heineke-Mikulicz-type strictureplasty, multiple short skipped strictures of Crohn's disease, 342
- Drains/drainage
 - comparison of incision and drainage with simultaneous fistulotomy for perianal abscess, 1415
 - effects of latex drain on colonic anastomotic resistance and adhesion formation (rat), 311
 - seton drainage for high anal fistula in Crohn's disease, 208
- Dyspareunia, after restorative proctocolectomy, 610
- Dysplasia, in colorectal adenoma, correlation of p53 expression and histologic grades, 562

E

Editorial

- End of a Decade, 1440
- Role for Prophylactic Subtotal Colectomy Among Hereditary Nonpolyposis Colorectal Cancer Germline Mutation Carriers, 109
- Edrophonium chloride test, in proctalgia fugax, 755
- Electrolyte(s), colonic absorption (dog), 865
- Electromagnetic fields, anastomotic healing and (rat), 1031
- Electromyography, single fiber density, in pudendal neuropathy, 794
- Electroresection, transanal, rectal cancer, 270
- Encopresis, in children, anorectal manometry in, 400
- Endoscopy
 - colorectal cancer screening, complications of work-up, 676
 - endoscopic dilation of rectal strictures, 423
 - stent endoprosthesis for colorectal cancer, 552
 - transanal endoscopic microsurgery
 - for early invasive cancer (*letter*), 827
 - initial registry results, 579
 - local therapy of rectal tumors, 886
 - transanal resection of rectal tumors, absorption of glycine irrigating solution, 1245
 - two-channel colonoscopic resection of rectal carcinoid tumors, 1438
- Endosonography. *See* Ultrasonography
- Enema, 5-aminosalicylic acid, distribution and concentration in rectosigmoid biopsy specimens, 788
- Enteroglucan, low anterior resection and, 1153
- Erratum, 29, 251
- Escherichia coli*, enterotoxigenic, heat-stable toxin (ST) receptors in colorectal tumors, 171
- Esophageal cancer, colorectal cancer and (*letter*), 237
- Excitatory rectoanal reflex
 - in fecal incontinence, 59
 - in pudendal neuropathy, 794

F

- Familial adenomatous polyposis
 - changing causes of mortality, 384
 - ileal pouch-anal anastomosis. *See also* Ileal pouch-anal anastomosis
 - pouch polyposis after, 584
 - prophylactic colectomy and ileorectal anastomosis, quality of life after, 1404
 - sulindac therapy, tissue prostaglandin levels and, 659

- Fecal diversion
 - laparoscopic techniques, 285
 - management of large infected perianal lesions, 1327
- Fecal impaction, manual disimpaction, effect on anal sphincters, 435
- Fecal incontinence
 - after anterior resection or total colectomy, biofeedback therapy, 1289
 - after low anterior resection of rectal cancer, 1423
 - anal fistula surgery, 723
 - anal sphincter repair, 878
 - impact of unilateral pudendal neuropathy, 686
 - anterior levatorplasty for, long-term results, 671
 - artificial anal sphincter, 1345
 - results, 1352
 - colorectal anastomosis, 744
 - defecography in, 899
 - effect of surgical repair of rectal prolapse, 1215
 - endoanal ultrasound in, 860
 - gracilis neosphincter operation. *See* Graciloplasty, dynamic
 - highest mean resting pressure in anal canal and anal sphincter function, 289
 - intractable, dynamic graciloplasty, 912
 - long-term effect of vaginal deliveries on anorectal function, 852
 - neurogenic, biofeedback therapy, 992
 - open *vs.* closed sphincterotomy for chronic anal fissure, 440
 - outcome of rectocele repair, 374
 - postoperative, Ripstein rectopexy, 300
 - radiation-induced lumbar plexopathy, 465
 - rectal prolapse, biofeedback therapy, 262
 - rectoanal reflex patterns in, 59
 - unilateral pudendal neuropathy, 249
- Femoral neuropathy, retractor-induced (*letter*), 591
- Ferritin, serum, screening for colonic adenoma (*letter*), 1441
- Fibrin, plasma, in colorectal cancer, correlation with tumor stage, metastasis, and postoperative thromboembolic complications, 1102
- Fibrinogen degradation products, plasma, in colorectal cancer, correlation with tumor stage, metastasis, and postoperative thromboembolic complications, 1102
- Fibrinolysis, in colorectal neoplasms, 1102
- Fistula
 - complicated, rectal advancement flap for, 10
 - rectovaginal
 - rectal advancement flap for, 10
 - recurrent, repair using diamond-shaped cutaneous vaginal advancement flap, 463
 - treatment, practice parameters, 1361, 1364
 - vaginal, vaginography in, 568
- Fistula-in-ano
 - complex, cutting seton fistulotomy, 55
 - complicated, rectal advancement flap for, 10
 - in Crohn's disease
 - seton drainage, 208
 - surgical management, 1039
 - long-term, indwelling seton management, 1097
 - perianal Crohn's disease, 136
 - surgery, risk factors for recurrence and incontinence, 723
 - transsphincteric, island flap anoplasty, 224
 - treatment, practice parameters, 1361
 - supporting documentation, 1364
- Fistulectomy, practice parameters, 1364

Fistulotomy

- cutting seton fistulotomy for complex fistula-in-ano, 55
- drainage plus, for perianal abscess, 1415
- in perianal Crohn's disease, 529
- risk factors for recurrence and incontinence, 723

Flap surgery

- bilateral gluteus maximus myocutaneous rotation flap for perianal Paget's disease, 227
- cutaneous vaginal advancement flap for recurrent rectovaginal fistula, 463
- internal pudendal flap anoplasty, anal stenosis, 350
- island flap anoplasty, for transsphincteric anal fistula, 224
- rectal advancement flap for complicated anorectal/rectovaginal fistulas, 10
- vertical subcutaneous pedicle flaps, posterior perineal reconstruction, 353

Flatus, incontinence, long-term effect of vaginal deliveries on anorectal function, 852

Flow cytometry

- in malignant rhabdoid tumor of colon, 1322
- p53 overexpression in colorectal cancer primary and metastases, 1428
- prognostic value of ploidy in colorectal cancer, 494
- prognostic value of ploidy in rectal carcinoid, 643

Foramen of Winslow, herniation through, 1055

Foreign body, rectal, nonsurgical removal *via* vacuum extractor, 935

Formalin, topical, for radiation-induced hemorrhagic proctitis, 196

G

Gastrointestinal tract

- bleeding
 - localization, technetium-99m-labeled red blood cell scans, 750
- lower tract
 - colonoscopic polypectomy and, 806
 - in elderly, 191
 - in young adult, angiodysplasia of colon and, 702
- lymphoma, in HIV/AIDS, 167

Genetics

- clustering of colorectal cancer in families of young probands, 1004
- germline carriers in hereditary nonpolyposis colorectal cancer, prophylactic subtotal colectomy in (Editorial), 109
- K-ras mutations in colorectal cells shed into feces, 1238
- p53 mutation in flat colorectal neoplasms, 143

Geriatric population

- diverticular hemorrhage, 191
- sigmoid volvulus, trephine stoma procedure in, 1222

Gluteus maximus myocutaneous rotation flap, bilateral, for perianal Paget's disease, 227

Glycine, absorption of glycine irrigating solution during endoscopic transanal resection of rectal tumors, 1245

Gracilis neosphincter, electrically stimulated. *See* Graciloplasty, dynamic

Graciloplasty

- dynamic
 - complications and management, 912
 - constipation after (*letter*), 943
 - initial experience, pitfalls, and complications, 957
 - patient selection and success (*letter*), 712
 - restorative perineal graciloplasty, 182

Granular cell tumor, colon (*letter*), 711Guanylyl cyclase, enterotoxigenic *Escherichia coli* heat-stable toxin (ST)-activated, in colorectal tumors, 171

H

Health care delivery, managed care, outcomes of anorectal disease, 1193

Health maintenance organizations (HMOs), outcomes of anorectal disease, 1193

Heat-stable toxin (ST) receptors, enterotoxigenic *Escherichia coli*, 171

Hemicolectomy

- bowel function after, 307
- laparoscopic-assisted right hemicolectomy, colon cancer, S24

Hemorrhage

- angiodysplasia of colon, 702
- colonic, postpolypectomy, 806
- diverticular, in elderly, 191
- gastrointestinal tract, localization, technetium-99m-labeled red blood cell scans, 750

Hemorrhoidectomy

- indications for, HIV status and, 615
- self-retaining retraction, 1058

Hereditary nonpolyposis colorectal cancer (HNPCC) registry, 649

Hernia, herniation through foramen of Winslow, 1055

Hill-Ferguson retractor, hemorrhoidectomy with self-retaining retraction, 1058

Hirschsprung's disease, ultrashort-segment, immunohistochemical evaluation, 817

HIV/AIDS

- gastrointestinal lymphoma, surgical outcome, 167
- HIV status and indications for hemorrhoidectomy, 615

Human immunodeficiency virus (HIV). *See* HIV/AIDS

Human papillomavirus infection, in anal squamous carcinoma, 37

Hyponatremia, absorption of glycine irrigating solution during endoscopic transanal resection of rectal tumors, 1245

I

Ileal-anal pull-through procedure, stool frequency, prediction *via* radiographic test, 66

Ileal pouch-anal anastomosis

- choice of operative technique, selective preservation of anal transition zone, 871
- in Crohn's disease, long-term results, 893
- for familial adenomatous polyposis, pouch polyposis, 584
- J-pouch. *See* J-pouch
- mortality, late deaths, 525
- pouchitis, in ulcerative colitis, 1012
- systemic steroids and septic complications, 504

Ileitis, terminal, ileocolic resection, 841

Ileostomy

- atraumatic delivery of bowel through abdominal wall, 461
- diarrhea-associated complications, preventive use of pylorus sphincter mechanism (dog), 266
- loop, closure, handsewn *vs.* stapled techniques, 1086
- in ulcerative colitis, risk of postoperative urolithiasis, J-pouch procedure *vs.*, 50

Ileum

- herniation through foramen of Winslow, 1055
- pelvic floor reconstruction after major cancer surgery, 1232

Imaging studies. *See also* specific studies

- Low anterior resection
 anastomotic leak, early detection, 1081
 anastomotic leak after double-stapled colorectal anastomosis, 780
 colonic J-pouch, use of sigmoid colon, analysis of nodal metastases by clearing method, 1282
 laparoscopic-assisted, 582
 peptide YY and enteroglucan after, 1153
 rectal incontinence after, 1423
 ultralow coloanal anastomosis using colonic J-pouch, functional outcome, 986
- Lumbosacral plexopathy, radiation-induced, fecal incontinence and, 465
- Lymph nodes
 metastatic disease
 analysis by clearing method, 1282
 p53 overexpression, 1428
 tumor-associated glycoprotein-72 (TAG-72) expression colorectal cancer, 509
 radioimmunoguided surgery and (*letter*), 473
- Lymphoma, gastrointestinal, in HIV/AIDS, 167
- Lysozyme activity, anastomotic dehiscence and, 1081

M

- Magnetic resonance imaging, endoanal coil, anal sphincter, correlation with surgical findings, 926
- Managed care, outcomes of anorectal disease, 1193
- Manometry
 anal canal pressure and continence after Ripstein rectopexy, 300
 anal sphincter repair and, 878
 anorectal motility, effect of nifedipine, 212
 causes of incontinence after sphincter-preserving operations for rectal cancer, 1423
 correlation with symptoms of chronic childhood constipation and encopresis, 400
 effect of surgical repair of rectal prolapse, 1215
 functional results after transanal endoscopic microsurgery, 1116
 high pressure zone at rectosigmoid junction, 1122
 in proctalgia fugax, 755
 in pudendal neuropathy, 794
 stretch damage of muscle of external anal sphincter, 1249
 unilateral pudendal neuropathy, 249
- Marsupialization, chronic pilonidal disease, 1136
- Matrix metalloproteinases, in colonic adenoma-adenocarcinoma progression, 1255
- Medical terminology, medical jive (*letter*), 826
- Meeting highlights, Japanese Society of Coloproctology, 50th anniversary meeting, 835
- Megarectum
 constipation and, surgery for, 444
 idiopathic
 anal sphincter morphology and function, 435
 intestinal transit in, 1044
- Mesosigmoidoplasty, for acute sigmoid volvulus, 569
- Metachronous neoplasms, colorectal cancer follow-up, 252
- Metastatic disease
 brain, 541
 hepatic
 p53 overexpression, 1428
 resection, prognostic factors affecting survival, 847
 tumor angiogenesis, 1073
 lymph nodes. *See* Lymph nodes
 radioimmunoguided surgery, 509

- Microchip implant, anterior sacral roots stimulator implants, constipation in spinal cord injury, 690
- Microsurgery. *See* Transanal endoscopic microsurgery
- Minilaparotomy, outcome of laparoscopic-assisted minilaparotomy approaches to colorectal disease, 15
- Monoclonal antibody studies
¹²⁵I-labeled CC49, patterns of disease dissemination in colorectal cancer, 509
¹¹¹In-CYT-103 imaging, in recurrent colorectal cancer, 514
- Morbidity
 colostomy-related, 1227
 intraoperative radiotherapy for rectal cancer, 1396
 laparoscopic-assisted right hemicolectomy for colon cancer, S24
 laparoscopic surgery, S14
- Mortality rate
 ileal pouch-anal anastomosis, late deaths, 525
 intraoperative radiotherapy for rectal cancer, 1396
 laparoscopic-assisted right hemicolectomy for colon cancer, S24
 laparoscopic surgery, S14
- Motility, anorectal, effect of nifedipine, 212
- MTT assay, chemosensitivity testing, in colorectal cancer, 416
- Mucocoele, appendix, synchronous colonic cancer, 232
- Myomectomy, anorectal, for ultrashort-segment Hirschsprung's disease, 817

N

- Natural killer cell(s), in colorectal cancer, effect of curative surgery, 429
- Neuropeptides/neurotransmitters, effect of octreotide on anal pressure and rectal compliance, 624
- Nicotinamide adenine dinucleotide phosphate (NADPH) diaphorase histochemistry, in ultrashort-segment Hirschsprung's disease, 817
- Nifedipine, anorectal motility and, 212
- Nitric oxide
 inhibitory innervation of rectal circular smooth muscle, 294
 in ultrashort-segment Hirschsprung's disease, 817
- Non-Hodgkin's lymphoma. *See* Lymphoma
- Nonsteroidal anti-inflammatory drugs (NSAIDs)
 colonic ulceration, 705
 piroxicam-induced regression of villous adenomas of colon, 101
 sulindac therapy in familial adenomatous polyposis, tissue prostaglandin levels and, 659

O

- Obstetrics
 obstetric trauma and anal sphincter repair, 1164
 obstetric trauma and fecal incontinence. *See* Fecal incontinence
 vaginal delivery, long-term effect on anorectal function, 852
- Octreotide, effect on anal pressure and rectal compliance, 624
- Ornithine decarboxylase, gene expression in colonic cancer cell lines, androgens and, 406

P

- p53
 in colorectal adenoma, correlation with histologic grades of dysplasia, 562

- in colorectal cancer, primary tumors and metastases, 1428
 - in flat colorectal neoplasms, 143
 - in malignant rhabdoid tumor of colon, 1322
 - rectal cancer, metastatic potential and responsiveness to radiation, 1090
 - Paget's disease, perianal, wide local excision, bilateral gluteus maximus myocutaneous rotation flap for, 227
 - Pain, nonsedated colonoscopy, 257
 - Panproctocolectomy, perianal Crohn's disease, 136
 - Papillomavirus. *See* Human papillomavirus infection
 - Paraganglioma, colonic (*letter*), 943
 - Paraplegia, colorectal cancer in, 965
 - Parity, long-term effect of vaginal deliveries on anorectal function, 852
 - Patient satisfaction, nonsedated colonoscopy, 257
 - Pediatric population
 - chronic constipation, anorectal manometry in, 400
 - condylomata acuminata in infants and children, 1112
 - encopresis, anorectal manometry in, 400
 - Pelvic floor
 - disorders, unilateral pudendal neuropathy, 249
 - reconstruction, after major cancer surgery, 1232
 - Pelvic outlet obstruction
 - anismus, 768
 - constipation and
 - biofeedback therapy, 520
 - surgery for, 444
 - Pelvic pouch. *See* Ileal pouch-anal anastomosis; J-pouch
 - Penrose drain, atraumatic delivery of bowel through abdominal wall during stoma formation, 461
 - Peptide YY, low anterior resection and, 1153
 - Perforation
 - colonoscopic, 1308
 - colorectal cancer, 1409
 - Periampullary tumors, mortality in familial adenomatous polyposis, 384
 - Perineum
 - posterior perineal reconstruction, vertical subcutaneous pedicle flaps, 353
 - sarcoma, 468
 - Peritonitis, tuberculous, diagnosis, 394
 - Photodynamic therapy, colorectal cancer, new light source, 379
 - Phytohemagglutinin, postoperative responses, laparoscopic *vs.* open colectomy (rat), S67
 - Pilonidal disease, chronic, treatment, 1136
 - Piroxicam, regression of villous adenomas of colon, 101
 - Plastic surgery. *See* Reconstructive surgery
 - Platelet-activating factor, in inflammatory bowel disease, 217
 - Ploidy, prognostic value in colorectal cancer, 494
 - Polymerase chain reaction, K-ras mutations in colorectal cells shed into feces, 1238
 - Polypectomy, colonoscopic, colonic hemorrhage, 806
 - Polyp(s)
 - adenomatous, colon, piroxicam-induced regression, 101
 - colon
 - sessile, correlation between morphologic features and malignant potential, 1275
 - statin expression, 546
 - vitamin C status and, 1235
 - familial adenomatous polyposis, changing causes of mortality, 384
 - Portal vein thrombosis
 - in Crohn's disease, combined anticoagulant therapy, 823
 - following right laparoscopic hemicolectomy, 1171
 - POSSUM (Physiological and Operative Severity Score for enUmeration of Mortality and morbidity), risk-adjusted analysis of outcome of colorectal surgery among surgeons, 654
 - Pouchitis, following pelvic pouch operation for ulcerative colitis, 1012
 - Practice parameters, fistula-in-ano, 1361, 1364
 - Pregnancy, rectorectal tumors complicating pregnancy, 1179
 - Pressure ulcers, management, colostomy in, 737
 - Proctalgia fugax, sporadic, anorectal function and morphology, 755
 - Proctectomy, perianal Crohn's disease, 529
 - Proctitis, hemorrhagic, radiation-induced, formalin instillation for, 196
 - Proctocolectomy, restorative
 - anorectal eversion during, functional outcome, 489
 - sexual function in women, 610
 - Proliferating cell nuclear antigen, rectal cancer, metastatic potential and responsiveness to radiation, 1090
 - Prostaglandin(s), tissue levels, sulindac therapy in familial adenomatous polyposis and, 659
 - Pseudocarcinoma, rectum, ischemia-related, 1026
 - Pseudomembranous colitis, in critically ill, 619
 - Puborectalis interposition, for traumatic cloaca, 811
 - Puborectalis muscle, nonrelaxing, anismus, 768
 - Puborectalis paradoxus
 - anismus, 768
 - outlet obstruction constipation, 681
 - biofeedback therapy, 520
 - Pudendal nerve terminal motor latency
 - effect of surgical repair of rectal prolapse, 1215
 - ileal J-pouch-anal anastomosis, 410
 - in pudendal neuropathy, 794
 - unilateral pudendal neuropathy, 249
 - Pudendal neuropathy
 - markers, 794
 - unilateral, 249
 - impact on outcome of anal sphincter repair in fecal incontinence, 686
 - Pylorus, sphincter mechanism, for preventing ileostomy complications (dog), 266
- ## Q
- Quadruplegia, colorectal cancer in, 965
 - Quality of life, prophylactic colectomy and ileorectal anastomosis in familial adenomatous polyposis, 1404
- ## R
- Radiography, prediction of stool frequency and measurement of bowel spasticity after ileal-anal pull-through procedure, 66
 - Radioimmunoguided surgery
 - metastatic spread of colorectal cancer, 509
 - tumor-associated glycoprotein-72 (TAG-72) expression in lymph nodes (*letter*), 473
 - Radiotherapy
 - adjuvant
 - bowel function after colorectal anastomosis, 744
 - intraoperative electron irradiation
 - for previously unirradiated locally recurrent colorectal cancer, 1379
 - for recurrent anorectal cancer, 1
 - recurrent rectal cancer, 323
 - chemotherapy plus. *See* Chemoradiation
 - hemorrhagic proctitis and, formalin instillation for, 196

- intraoperative
 - adjuvant, rectal cancer, 1396
 - flap technique, locally advanced rectal cancer, 774
 - pelvic, lumbar plexopathy and fecal incontinence, 465
 - rectal cancer, cellular predictors of responsiveness, 1090
 - Reconstructive surgery
 - bilateral gluteus maximus myocutaneous rotation flap for perianal Paget's disease, 227
 - posterior perineal reconstruction, vertical subcutaneous pedicle flaps, 353
 - restorative perineal graciloplasty, 182
 - Rectal cancer. *See also* Anorectal cancer; Colorectal cancer
 - adenosquamous carcinoma, 1265
 - advanced, staging *via* endorectal ultrasound after preoperative chemoradiation, 45
 - autonomic nerve-preserving surgery, male sexual function after, 1140
 - colonic J-pouch rectal reconstruction, functional results, 1286
 - colorectal anastomosis, bowel function after, factors influencing, 744
 - combined excision and end colostomy, normal defecation after (*letter*), 112
 - distal intramural spread, preoperative detection *via* transrectal ultrasonography, 1210
 - early invasive, transanal endoscopic microsurgery (*letter*), 827
 - early (T1), transanal endoscopic microsurgery *vs.* anterior resection, 969
 - endoscopic transanal resection, absorption of glycine irrigating solution, 1245
 - intraoperative radiation therapy, 1396
 - local excision, transanal electroresection, 270
 - locally advanced, intraoperative radiotherapy using flab technique, 774
 - locoregional recurrence
 - intraoperative radiation therapy, 1396
 - reoperation for cure, 730
 - reoperation plus irradiation for, 323
 - three-dimensional endosonography-guided transrectal biopsy, 1373
 - low anterior resection. *See* Low anterior resection
 - metastatic potential and responsiveness to radiation, cellular predictors, 1090
 - obstructing, staging *via* three-dimensional endorectal ultrasound, 636
 - recurrent, three-dimensional endosonography-guided transrectal biopsy, 1373
 - serum tumor markers, 799
 - sphincter-preserving operations, rectal incontinence after, 1423
 - transanal endoscopic microsurgery. *See* Transanal endoscopic microsurgery
 - Rectal intussusception, Ripstein rectopexy, anal canal pressure and continence after, 300
 - Rectal pain, defecography in, 899
 - Rectal prolapse, 681
 - biofeedback therapy, 262
 - defecography in, 899
 - laparoscopic rectopexy for, 279
 - Ripstein rectopexy, anal canal pressure and continence after, 300
 - surgical repair, pudendal nerve terminal motor latency and, 1215
 - Rectal stricture/stenosis
 - endoscopic dilation, 423
 - rectal cancer, staging *via* three-dimensional endorectal ultrasound, 636
 - Rectal stump length, following total abdominal colectomy, bowel function and, 1418
 - Rectoanal intussusception, 681
 - defecography in, 899
 - Rectoanal reflexes, in fecal incontinence, 59
 - Rectocele, 681
 - defecography in, 899
 - surgical repair, 374
 - rectal emptying after, 1296
 - Rectopexy
 - laparoscopic, for rectal prolapse, 279
 - for rectal prolapse, pudendal nerve terminal motor latency and, 1215
 - Ripstein, anal canal pressure and continence after, 300
 - Rectosigmoid, 5-aminosalicylic acid distribution and concentration in rectosigmoid biopsy specimens after rectal administration, 788
 - Rectosigmoid junction, high pressure zone, 1122
 - Rectum
 - carcinoid tumor, 643
 - two-channel colonoscopic resection, 1438
 - circular smooth muscle, nitric oxide-mediated inhibitory innervation, 294
 - compliance, effect of octreotide, 624
 - flat neoplasia, p53 mutation in, 143
 - foreign body, nonsurgical removal *via* vacuum extractor, 935
 - idiopathic megarectum, anal sphincter morphology and function, 435
 - ischemia-related pseudocarcinoma, 1026
 - low anterior resection, laparoscopic-assisted, 582
 - rigid, "inadequate doughnut" stapling technique, 103
 - tuberculosis, 1126
 - tumors
 - rectorectal tumors complicating pregnancy, 1179
 - simultaneous laparoscopic and transanal approach (*letter*), 358
 - transanal endoscopic microsurgery, 886
 - functional results, 1116
 - Rhabdoid tumor, malignant, colon, 1322
 - Rhabdomyosarcoma, perineal/perirectal, 468
 - Ripstein rectopexy, anal canal pressure and continence after, 300
- S
- Sacral motor nerve terminal motor latency, ileal J-pouch-anal anastomosis, 410
 - Sacrum, anterior sacral roots stimulator implants, constipation in spinal cord injury, 690
 - Sarcoma
 - malignant rhabdoid tumor of colon, 1322
 - perineal/perirectal, 468
 - Screening studies, colorectal cancer
 - detection of asymptomatic disease, 1130
 - endoscopic and surgical complications of work-up, 676
 - serum ferritin *vs.* fecal occult blood (*letter*), 1441
 - Sedation, in colonoscopy, 257
 - Selenium, effect on 1,2-dimethylhydrazine-induced intestinal cancer (rat), 628
 - Self-assessment quiz, 114, 238, 360, 476, 592, 714, 829, 946, 1061, 1183, 1335, 1444
 - Sepsis, perianal, following bone marrow transplantation, 981

- Sessile adenomas, colonic, correlation between morphologic features and malignant potential, 1275
- Seton(s)
anal fistula surgery, 723
anal fistula treatment, 1364
cutting seton fistulotomy for complex fistula-in-ano, 55
local surgical management of perianal Crohn's disease, 529
long-term, indwelling seton management of low trans-sphincteric and intersphincteric anal fistulas, 1097
seton drainage for high anal fistula in Crohn's disease, 208
- Sexual dysfunction, in women, after restorative proctocolectomy, 610
- Sexual function, in males, autonomic nerve-preserving surgery for rectal cancer, 1140
- Sigmoidectomy
interleukin-6 and stress hormone response, laparoscopic *vs.* open sigmoidectomy, S29
laparoscopic-assisted, diverticular disease, S1
trephine stoma procedure, for sigmoid volvulus, 1222
- Sigmoidocele, 681
defecography in, 899
- Sigmoid volvulus
acute, mesosigmoidoplasty for, 569
trephine stoma procedure, 1222
- Sodium, colonic absorption (dog), 865
- Somatostatin, anorectal function, effect of octreotide on anal pressure and rectal compliance, 624
- Spasticity of bowel, ileal-anal pull-through procedure, radiographic evaluation, 66
- Sphincteroplasty
anorectal function and endosonographic images after, 878
for traumatic cloaca, 811
- Sphincterotomy
for chronic anal fissure, open *vs.* closed technique, 440
preoperative anal canal ultrasonography in multiparous women with anal fissure (*letter*), 1060
- Spinal cord injury
colorectal cancer in, 965
constipation in, anterior sacral roots stimulator implants and, 690
- Squamous-cell carcinoma, anal, human papillomavirus infection and, 37
- Staging
colorectal cancer, intraoperative laparoscopic ultrasonography of liver, S73
rectal cancer
endorectal ultrasound after preoperative chemoradiation, 45
obstructing, three-dimensional endorectal ultrasound, 636
- Stapling procedures
colorectal stapled anastomoses, 30
anastomotic leak after double-stapled low anterior resection, 780
"inadequate doughnut" technique for rigid rectums, 103
Statin, expression in colorectal tissue, adenocarcinoma, polyps, and normal mucosa, 546
- Stenosis
anal, internal pudendal flap anoplasty, 350
rectal. *See* Rectal stricture/stenosis
- Stent endoprosthesis, for colorectal cancer, 552
- Steroid(s)
perioperative use, in colorectal surgery, 995
systemic, ileal pouch-anal anastomosis, septic complications and, 504
- Stoma formation, atraumatic delivery of bowel through abdominal wall, 461
- Stool frequency
after anterior resection or total colectomy, biofeedback therapy, 1289
ileal-anal pull-through procedure, prediction *via* radiographic test, 66
postoperative, segmental colorectal resection, 307
- Stretching, stretch damage of muscle of external anal sphincter, 1249
- Stricture(s)
in Crohn's disease, 342, 345
rectal. *See* Rectal stricture/stenosis
- Strictureplasty
in Crohn's disease, adenocarcinoma arising in site, 1315
Crohn's disease recurrence after, 1199
double Heineke-Mikulicz-type, for multiple short skipped strictures of Crohn's disease, 342
side-to-side isoperistaltic strictureplasty, multiple Crohn's strictures, 345
- Sulfur granules, colon, abdominal actinomycosis, 105
- Superior mesenteric vein thrombosis, following right laparoscopic hemicolectomy, 1171
- Surgery/surgical technique. *See also* specific procedures
abdominoperineal resection simultaneous with restorative perineal graciloplasty for anorectal cancer, 182
anorectal eversion during restorative proctocolectomy, 489
anterior levatorplasty for fecal incontinence, 671
applications of laparoscopic instrumentation to conventional abdominal and rectal surgery, 1180
artificial anal sphincter, 1345
results, 1352
autonomic nerve-preserving surgery for rectal cancer, male sexual function after, 1140
bilateral gluteus maximus myocutaneous rotation flap for perianal Paget's disease, 227
chronic anal fissure, open *vs.* closed sphincterotomy, 440
for chronic constipation, 444
chronic pilonidal disease, 1136
cutting seton fistulotomy for complex fistula-in-ano, 55
extended strictureplasty for multiple short skipped strictures of Crohn's disease, 342
fecal diversion for management of large infected perianal lesions, 1327
fistula-in-ano, risk factors for recurrence and incontinence, 723
hemorrhoidectomy with self-retaining retraction, 1058
hook-needle puncture for local anesthesia, 1330
ileocolic resection, Crohn's disease of ileum, 841
"inadequate doughnut" stapling technique for rigid rectum, 103
internal pudendal flap anoplasty, for severe anal stenosis, 350
island flap anoplasty for transsphincteric anal fistula, 224
laparoscopic rectopexy using mesh fixation with spiked chromium staple, 279
laparoscopic resection
colorectal cancer, 148
colorectal disease, audit, 155
laparoscopic techniques for fecal diversion, 285
loop ileostomy closure, handsewn *vs.* stapled techniques, 1086

- mesosigmoidoplasty for acute sigmoid volvulus, 569
 operative mortality, variations according to surgical specialty, 129
 outcome in AIDS-related gastrointestinal lymphoma, 167
 overlap repair of damaged anal sphincter, 1356
 perianal Crohn's disease, 529, 1039
 positioning of bowel above pelvis after major cancer surgery, 1232
 posterior perineal reconstruction, vertical subcutaneous pedicle flaps, 353
 primary repair of colon trauma, Canadian attitudes, 40
 pylorus for preventing ileostomy complications (dog), 266
 radioimmunoguided surgery. *See* Radioimmunoguided surgery
 TAG-72 expression in lymph nodes and (*letter*), 473
 rectal advancement flap for complicated anorectal/rectovaginal fistulas, 10
 rectal tumors, simultaneous laparoscopic and transanal approach (*letter*), 358
 rectocele repair, 374
 reoperation plus irradiation for locoregional recurrence of rectal cancer, 323
 repair of recurrent rectovaginal fistulas, cutaneous vaginal advancement flap, 463
 Ripstein rectopexy, continence after, 300
 risk-adjusted analysis of outcome of colorectal surgery among surgeons, 654
 sacropelvic resection with intraoperative electron irradiation for recurrent anorectal cancer, 1
 second-look operations for recurrent colorectal cancer, 74
 segmental colorectal resection, bowel function after, 307
 seton drainage for high anal fistulas in Crohn's disease, 208
 side-to-side isoperistaltic strictureplasty, multiple Crohn's strictures, 345
 stent endoprosthesis for colorectal cancer, 552
 stoma formation, atraumatic delivery of bowel through abdominal wall, 461
 suture holder for transanal anastomosis, 700
 total abdominal colectomy, for chronic idiopathic constipation, 160
 transanal electroresection of small rectal cancer, 270
 transanal endoscopic microsurgery
 for early invasive cancer (*letter*), 827
 local therapy of rectal tumors, 886
 transanal endoscopic microsurgery *vs.* anterior resection for early (T1) rectal cancer, 969
 traumatic cloaca, 811
 trephine stoma procedure, sigmoid volvulus, 1222
 two-channel colonoscopic resection of rectal carcinoid tumors, 1438
 ulcerative colitis, urinary stone risk, conventional ileostomy *vs.* J-pouch, 50
 Suture holder, for transanal anastomosis, 700
- T**
- Technetium-99m. *See* Imaging studies
 Technetium-99m-labeled red blood cell scans, localization of gastrointestinal tract bleeding, 750
 Thiry-Vella fistula, colonic absorption studies (dog), 865
 Thromboembolism, postoperative, in colorectal cancer, 1102
 Thrombosis
 portal vein thrombosis, in Crohn's disease, combined anticoagulant therapy, 823
 superior mesenteric and portal vein thrombosis following right laparoscopic hemicolectomy, 1171
 Tissue inhibitors of metalloproteinases, in colonic adenoma-adenocarcinoma progression, 1255
 Transanal endoscopic microsurgery
 for early invasive cancer (*letter*), 827
 for early (T1) rectal cancer, anterior resection *vs.*, 969
 functional results, 1116
 initial registry results, S79
 local therapy of rectal tumors, 886
 Transit time, bowel function following, total abdominal colectomy, 1418
 Trauma
 cloaca, surgical treatment, 811
 colon, primary repair, Canadian attitudes, 40
 Trephine stoma procedure, sigmoid volvulus, 1222
 Tuberculosis
 colitis, barium enema examination, 1204
 peritonitis, diagnosis, 394
 rectal, 1126
 Tumor(s)
 carcinoid
 presacral, 938
 rectum, 643, 1438
 colon, malignant rhabdoid tumor, 1322
 colorectal, enterotoxigenic *Escherichia coli* heat-stable toxin (ST) receptors in, 171
 flat neoplasia, p53 mutation in, 143
 perineal/perirectal sarcomas, 468
 rectum
 carcinoid, 643
 rectorectal tumors complicating pregnancy, 1179
 simultaneous laparoscopic and transanal approach (*letter*), 358
 transanal endoscopic microsurgery, 886
 functional results, 1116
 Tumor-associated glycoprotein-72 (TAG-72)
 expression in lymph nodes, radioimmunoguided surgery and (*letter*), 473
 in metastatic colorectal cancer, radioimmunoguided surgery and, 509
 Tumor markers
 circulating anti-p53 antibodies in colorectal cancer, 1269
 enterotoxigenic *Escherichia coli* heat-stable toxin (ST) receptors in colorectal tumors, 171
 serum, colon *vs.* rectal cancer, 799
 Tumor-suppressor gene(s). *See* p53
- U**
- Ulcerative colitis
 ileal pouch-anal anastomosis. *See also* Ileal pouch-anal anastomosis
 pouchitis, 1012
 pudendal and sacral motor nerve terminal motor latencies after, 410
 systemic steroids and septic complications, 504
 relapse risk, 1019
 restorative proctocolectomy, anorectal eversion during, functional outcome, 489
 urinary stone risk, conventional ileostomy *vs.* J-pouch, 50
 Ulcers/ulceration
 colonic, nonsteroidal anti-inflammatory drugs (NSAIDs), 705
 pressure (decubitus), colostomy in management of, 737

Ultrasonography

- anal canal, before sphincterotomy in multiparous women with anal fissure (*letter*), 1060
- colorectal cancer staging, intraoperative laparoscopic ultrasonography of liver, S73
- endoanal
 - anal sphincter repair and, 878
 - anal sphincters in idiopathic megarectum, 435
 - fecal incontinence, 860
- endorectal
 - presacral carcinoid, 938
 - in proctalgia fugax, 755
 - staging of rectal cancer after preoperative chemoradiation, 45
 - three-dimensional, staging of obstructing rectal cancer, 636
 - three-dimensional endosonography-guided transrectal biopsy, recurrent rectal cancer, 1373
- overlap repair of damaged anal sphincter, 1356
- transrectal, distal intramural spread of rectal cancer, 1210
- Urolithiasis, in ulcerative colitis, risk after conventional ileostomy *vs.* J-pouch, 50

V

- Vacuum extraction, rectal foreign body removal, 935
- Vaginal delivery, long-term effect on anorectal function, 852
- Vaginal fistula, vaginography in, 568
- Vaginography, in vaginal fistula, 568
- Vitamin C, status, colorectal neoplasia and, 1235
- Volvulus, sigmoid. *See* Sigmoid volvulus

W

- Water, colonic absorption (dog), 865
- Wound recurrence
 - laparoscopic colon cancer resection and, S20
 - laparoscopic port site tumor recurrence, tumor cell aerosolization and (rat), S7

X

- Xanthogranulomatous cystitis, elevated carcinoembryonic antigen levels mimicking colorectal cancer, 1051

